

S-112,914

Rev. 04/03/2006

Form PTO1595

(Rev. 10/02)

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To the Honorable Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): The Regents of the University of California Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party: Name: Los Alamos National Security, LLC Address: Los Alamos National Laboratory LC/IP, MS A187 Los Alamos, NM 87545 Additional name(s) address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: January 29, 2009			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 11/982,042 Patent No.(s) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Bruce H. Cottrell Registration No.: 30,620 Address: Los Alamos National Security, LLC LC/IP, MS A187 Los Alamos, NM 87545		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number 12-2150	

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bruce H. Cottrell

Signature

January 29, 2009

Date

Name of person signing

Total number of pages: 3

OMB No. 0651-0027 (exp. 6/30/05)

Fax documents to be recorded with required cover sheet to: (571) 273-0140

Mail documents to be recorded with required cover sheet to: Director of the USPTO

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PATENT
REEL: 022187 FRAME: 0561

Rev. 04/03/2006

ASSIGNMENTDOE S-112,914

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

The Regents of the University of California
1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200The previous assignment of which was Recorded on 09/30/2008,
Reel 021614, Frame 0276

hereby sells, assigns and transfers

to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Corporation, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE

- ☒ its entire right, title and interest
- ☐ an undivided fifty percent (50%) interest
- ☐ an undivided _____ percent (____%) interest

for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention titled:Name of Inventor(s): Gregory Kaduchak, Greg Goddard, Gary Salzman, Dipen Sinha,
John C. Martin, Christopher Kwiatkowski, Steven Graves

and which is found in

- (a) ☒ U.S. application Serial No. 11/982,042, filed on 10/31/2007.
- (b) ☒ U.S. Patent No. _____, issued _____.

☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation,

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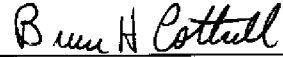
or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

AND the **ASSIGNOR** requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

Signature of Assignor

29th day of January, 2009



Bruce H. Cottrell
IP Practice Group Leader